

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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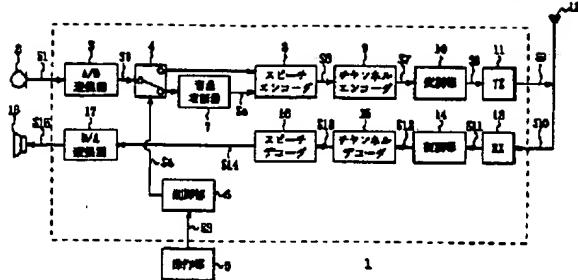
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APPLICANT : SONY CORP;

INVENTOR : MAEDA YUJI;

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TITLE : VOICE AMPLIFIER, COMMUNICATION TERMINAL EQUIPMENT AND VOICE-AMPLIFYING METHOD



ABSTRACT : PROBLEM TO BE SOLVED: To easily optimize a volume, without requiring user's labor and time for a communication terminal equipment.

SOLUTION: An amplitude ( $a_0$ ) is decided, corresponding to the signal level of an inputted voice S1 to provide a voice-amplifying means 7 amplifying the inputted voice based on the amplitude. Thereby the amplitude is adaptively switched corresponding to a signal level. Namely, as the amplitude is reduced, when the signal level of the inputted voice becomes high, the inputted voice can be amplified so as not to generate clipping noises. Thus, a volume is easily optimized without requiring user's labor and time.

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